

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

Claims 1-19 (Cancelled).

20. (Currently Amended) A radio-receiving base station apparatus using an automatic repeat request (ARQ) procedure, said base station apparatus comprising:

a receiver configured to receive data from a radio-transmitting terminal apparatus in an uplink;

an error detector configured to perform an error detection for the data by using an error-detecting code; and

a transmitter configured to transmit, to the radio-transmitting terminal apparatus [[,]]:

(i) an acknowledgment (ACK) ~~negative acknowledgment (ACK/NACK)~~ signal ~~based on a result of the error detection, and to transmit, to the radio-transmitting apparatus, when said error detector detects no error;~~

(ii) a negative acknowledgement (NACK) signal when said error detector detects an error; and

(iii) a control signal, ~~said control signal~~, pairing with the ACK ~~NACK~~ signal or the NACK signal, for governing operations including a new transmission, a retransmission, and no transmission performed in the radio-transmitting terminal apparatus.

21. (Currently Amended) The ~~radio-receiving base station~~ apparatus according to claim 20, wherein said control signal is for governing the operation that the ~~radio-receiving base station~~ apparatus resumes a transmission after performing no transmission.

22. (Currently Amended) The ~~radio-receiving base station~~ apparatus according to claim 20, wherein said control signal is for governing the operations that the ~~radio-receiving base station~~ apparatus performs no transmission and keeps data in a buffer.

23. (Currently Amended) The ~~radio-receiving base station~~ apparatus according to claim 20, wherein said control signal is for governing the operations that the ~~radio-receiving base station~~ apparatus suspends a transmission and performs no transmission.

24. (Currently Amended) The ~~radio-receiving base station~~ apparatus according to claim 20, wherein the control signal is a suspend signal, said suspend signal for governing the operations that the ~~radio-receiving base station~~ apparatus suspends a transmission and performs no transmission, or a resume signal, said resume signal for governing the operation that the radio transmitting apparatus resumes a transmission after performing no transmission.

25. (Currently Amended) The ~~radio-receiving base station~~ apparatus according to claim 20, further comprising a channel quality measurer configured to measure a channel quality between the radio-receiving ~~terminal~~ apparatus and the ~~radio-receiving base station~~ apparatus, wherein the transmitter transmits the control signal based on the channel quality.

26. (Currently Amended) The ~~radio-receiving~~ base station apparatus according to claim 25, wherein said control signal is for governing the operations that the ~~radio-transmitting~~ terminal apparatus performs no transmission and keeps data in a buffer when the channel quality is equal to or less than a threshold.

27. (Currently Amended) The ~~radio-receiving~~ base station apparatus according to claim 25, wherein said control signal is for governing the operations that the ~~radio-transmitting~~ terminal apparatus performs no transmission and keeps data in a buffer when the channel quality is equal to or less than a threshold, and said control signal is for governing the operation that the ~~radio-transmitting~~ terminal apparatus resumes a transmission after performing no transmission when the channel quality become greater than the threshold.

28. (Currently Amended) The ~~radio-receiving~~ base station apparatus according to claim 25, wherein the ~~radio-receiving~~ base station apparatus performs:

- (i) transmitting an ACK signal when said error detector detects no error for the data;
- (ii) transmitting a NACK signal when said error detector detects an error for the data and the channel quality is greater than a threshold;
- (iii) transmitting the control signal for governing the operations that the ~~radio-transmitting~~ terminal apparatus performs no transmission and keeps data in a buffer when said error detector detects an error for the data and the channel quality is equal to or less than the threshold; and

(iv) transmitting the control signal for governing the operation that the ~~radio-transmitting terminal~~ apparatus resumes a transmission after performing no transmission when the channel quality become greater than the threshold.

29. (Currently Amended) A ~~radio-transmitting terminal~~ apparatus using an automatic repeat request (ARQ) according to claim 20 comprising;

a receiver configured to receive an acknowledgment/negative-acknowledgment (ACK/NACK) signal and a control signal which are transmitted from the ~~radio-receiving base station~~ apparatus according to claim 20; and

a transmitter configured to transmit data, based on the ACK/NACK signal and the control signal.

30. (Currently Amended) A ~~radio-transmitting terminal~~ apparatus using an automatic repeat request (ARQ), the terminal apparatus comprising:

a transmitter configured to perform operations, including a new transmission, a retransmission and no transmission of data to a ~~radio-receiving base station~~ apparatus; and

a receiver configured to receive an acknowledgment/negative-acknowledgment (ACK/NACK) signal, which is transmitted based on a result of an error detection for the data by using an error-detecting code in the ~~radio-receiving base station~~ apparatus, and a control signal which is transmitted from the ~~radio-receiving base station~~ apparatus;

wherein the operations are governed based on the ACK/NACK signal and the control signal.

31. (Currently Amended) The ~~radio transmitting terminal~~ apparatus according to claim 30, wherein said transmitter resumes a transmission after performing no transmission based on the control signal.

32. (Currently Amended) The ~~radio transmitting terminal~~ apparatus according to claim 30, wherein said transmitter performs no transmission and keeps data in a buffer based on the control signal.

33. (Currently Amended) The ~~radio transmitting terminal~~ apparatus according to claim 30, wherein said transmitter suspends a transmission and performs no transmission based on the control signal.

34. (Currently Amended) A radio receiving method using an automatic repeat request (ARQ) comprising:

receiving data from a ~~radio transmitting terminal~~ apparatus in an uplink;
performing an error detection for the data by using an error-detecting code;
transmitting, to the ~~radio transmitting terminal~~ apparatus[,], in a downlink;
an acknowledgment (ACK) ~~negative acknowledgment (ACK/NACK)~~ signal based on a
result of the error detection when the error detection detects no error;
a negative acknowledgement (NACK) signal when the error detection detects an error;
and

~~transmitting, to the radio transmitting apparatus, a control signal, said control signal,~~
pairing with the ~~ACK/NACK signal~~ or the NACK signal, for governing operations including a
new transmission, a retransmission, and no transmission performed in the ~~radio transmitting~~
terminal apparatus.

35. (Currently Amended) A radio transmitting method using an automatic repeat request
(ARQ) comprising:

performing operations, including a new transmission, a retransmission and no
transmission of data to a ~~radio receiving base station~~ base station apparatus;

receiving an acknowledgment/negative-acknowledgment (ACK/NACK) signal, which is
transmitted based on a result of an error detection by using an error-detecting code for the data in
the ~~radio receiving base station~~ base station apparatus, and a control signal which is transmitted from the
~~radio receiving base station~~ base station apparatus; and

governing the operations based on the ACK/NACK signal and the control signal.

36. (New) The base station apparatus according to claim 20, further comprising a channel
quality measurer, wherein the transmitter transmits a NACK signal when said error detector
detects an error for the data and a channel quality measurer determines that the channel quality is
greater than a threshold.

37. (New) The base station apparatus according to claim 20, further comprising a channel
quality measurer, wherein the control signal governs operations that:

the terminal apparatus performs no transmission and keeps data in a buffer when said error detector detects an error for the data and a channel quality measurer determines that the channel quality is equal to or less than a first threshold and greater than a second threshold,

the terminal apparatus resumes a transmission after performing no transmission when the channel quality measurer determines that the channel quality becomes greater than the first threshold, and

the terminal apparatus stops and reschedules a transmission after performing no transmission when the channel quality measurer determines that the channel quality becomes equal to or less than the second threshold.